

Data sheet: Stratos GIGA-D 80/1-16/2,3

Hydraulic data

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|-------------------------------------|--------|
| Minimum efficiency index (MEI) | 0.7 |
| Maximum operating pressure p | 16 bar |
| Min. fluid temperature T_{\min} | -20 °C |
| Max. fluid temperature T_{\max} | 140 °C |
| Min. ambient temperature T_{\min} | 0 °C |
| Max. ambient temperature T_{\max} | 40 °C |

Materials

| | |
|--------------|--------------------|
| Pump housing | EN-GJL-250 |
| Impeller | PPS-GF40 |
| Shaft | 1.4542 |
| Shaft seal | AQ1EGG |
| Lantern | 5.1301, KTL-coated |

Installation dimensions

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|--|--------|
| Port-to-port length $L0$ | 360 mm |
| Pipe connection on the suction side DN_s | DN 80 |
| Pipe connection on the pressure side DN_d | DN 80 |

Motor data

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|-------------------------------|-------------------|
| Mains connection | 3~400 V, 50/60 Hz |
| Motor efficiency class | IE5 |
| Rated power P_2 | 2.30 kW |
| Rated current I_N | 4.70 A |
| Rated speed n | 2300 rpm |
| Max. speed n_{\max} | 3100 rpm |
| Power consumption $P_{1\max}$ | 2600.0 W |
| Emitted interference | EN 61800-3 |
| Interference resistance | EN 61800-3 |
| Insulation class | F |
| Protection class motor | IP55 |
| Threaded cable connection | 1 x M12x1.5 |

Approved liquids (other liquids upon request)

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|---|--------------------------------------|
| Heating water (as per VDI 2035) | yes |
| Heat carrier oil | Special version at additional charge |
| Cooling and cold water circulation systems | yes |
| Water-glycol mixtures (at 20 – 40 vol. % glycol and fluid temperature ≤ 40 °C) | yes |

Information for order placements

| | |
|---------------------------|----------------------------|
| Brand | Wilo |
| Product description | Stratos GIGA-D 80/1-16/2,3 |
| EAN number | 4048482708713 |
| Article number | 2170243 |
| Net weight, approx. m | 98 kg |
| Gross weight, approx. m | 109.0 kg |
| Length with packaging | 790 mm |
| Height with packaging | 693.4 mm |
| Width with packaging | 590 mm |
| Packaging property | Transport packaging |
| Packaging type | One-way pallet |
| Minimum order quantity | 1 |